

ABSTRACT

A mobile home-land intelligent system's technology "H-LIST" for monitoring suspicious terrorist activities and for tracking biological and chemical gases, and explosives, including detection of stationary and portable weapons of mass destruction such that are likely carried on the body of a terrorist person or suicide bombers, or that are likely planted in a parked vehicle or carried inside a moving vehicle, wherein a sensory platform is made effective in a jacket worn by officers, security officers, bus drivers, hostesses and the like for sensing deadly gases and explosives while patrolling a defined and assigned vicinity. A receptor is attached on a waist belt worn by at least security personnel and connected to the sensory jacket output connection by at least a wireless means for empowering the sensory platform on the outfit and for receiving signal communication wirelessly indicative of detecting a sensed agent. Detected signals are transported wirelessly through radio frequency signals to a central security monitoring station to enable initiating for at least a backup security personnel or agents to the vicinity of the detection. The sensors are multifunctional and coded to recognize wavelike pattern of gases and explosives through generated radio wave frequencies from a transmitter and modulated by a frequency-modulating receiver.